

## CLAIMS

What is claimed is:

- sub 1
- 1 1. An Internet co-location facility security system, comprising:
- 2 a plurality of biometrics readers;
- 3 an access control system coupled to the plurality of biometrics readers;
- 4 a computer including a central software program connected to the access control
- 5 system, the central software program configured to monitor the use of the plurality of
- 6 biometrics readers;
- 7 a server including a database connected to the central software program, the
- 8 database configured to receive information from the central software program regarding
- 9 the use of the plurality of biometrics readers and to transmit this information to co-
- 10 located members through the Internet; and
- 11 a web-based interface configured to allow co-located members to schedule visits
- 12 to the facility through the Internet to the database on the server.
- 1 2. The Internet co-location facility security system of Claim 1 further including an
- 2 input device coupled to each of the plurality of biometrics readers for entry of a visitor
- 3 identification code of a visitor; a match between the visitor identification code and the
- 4 visitor's personal identification characteristics triggering the access control system to
- 5 allow the visitor to gain access to designated areas in the facility.
- 1 3. The Internet co-location facility security system of Claim 2 wherein the access
- 2 control system further includes a transmitter for transmitting the information regarding
- 3 the use of the plurality of biometrics readers to the central software program, the

4 information regarding the use of the plurality of biometrics readers including the visitor  
5 identification code and the date and time the visitor used one of more of the plurality of  
6 biometrics readers.

1 4. The Internet co-location facility security system of Claim 1 wherein information  
2 regarding the scheduled visits transmitted by the co-located members through the Internet  
3 to the database on the server includes the date, time, expected duration of a scheduled  
4 visit, and a visit identification number for the scheduled visit.

1 5. The Internet co-location facility security system of Claim 1 wherein the server  
2 further includes a transmitter for transmitting information regarding the scheduled visits  
3 to the central software program through a network.

1 6. The Internet co-location facility security system of Claim 1 further including a  
2 front entrance biometrics reader for initial access to the facility, the use of the front  
3 entrance biometrics reader triggering the central software program to transmit  
4 information regarding the use of the front entrance biometrics reader to a lobby  
5 workstation.

1 7. The Internet co-location facility security system of Claim 1 further including a  
2 user interface for triggering the central software program to combine a visitor  
3 identification code with a visit identification number for the scheduled visit.

1 8. The Internet co-location facility security system of Claim 7 wherein the user  
2 interface authorizes a visitor to progress through the remainder of the facility using the  
3 plurality of biometrics readers.

1 9. The Internet co-location facility security system of Claim 1 wherein information  
2 regarding the use of the plurality of biometrics readers is transmitted by the central  
3 software program through the network to the database on the server, the information  
4 including a visitor identification code, a visit identification number for the scheduled  
5 visit, and the date and time a visitor used any one of the plurality of biometrics readers.

1 10. The Internet co-location facility security system of Claim 9 wherein the co-  
2 located members may access the information in the database regarding a visitor's use of  
3 the plurality of biometrics readers by using the web-based interface accessible from one  
4 or more remote computer terminals connected to the Internet.

1 11. An Internet co-location facility security system, comprising:  
2 an enrollment biometrics reader;  
3 an access control system coupled the enrollment biometrics reader and to a  
4 plurality of other biometrics readers;  
5 a computer including a central software program connected to the access control  
6 system, the central software program configured to monitor the use of the plurality of  
7 other biometrics readers;  
8 a server including a database connected to the central software program, the  
9 database configured to receive information from the central software program regarding  
10 the use of the plurality of biometrics readers and to transmit this information to co-  
11 located members through the Internet; and  
12 a web-based interface configured to allow co-located members to schedule visits  
13 to the facility through the Internet to the database on the server.

1 12. The Internet co-location facility security system of Claim 11 further including an  
2 imaging device to record an image of a personal characteristic of a visitor not previously  
3 enrolled in the security system, the image of the personal characteristic stored on a  
4 storage device in the enrollment biometrics reader.

1 13. The Internet co-location facility security system of Claim 12 further including an  
2 input device coupled to the enrollment biometrics reader for matching a stored image of  
3 the visitor's personal characteristic with a visitor identification code entered into the  
4 enrollment biometrics reader through the input device.

1 14. The Internet co-location facility security system of Claim 13 wherein the  
2 enrollment biometrics reader transmits a stored image matched with a visitor  
3 identification code to the plurality of other biometrics readers located in the facility  
4 through a private security network.

1 15. The Internet co-location facility security system of Claim 11 wherein a visitor  
2 may be enrolled in the access control system by entering the visitor information into an  
3 input device coupled to the access control system.

1 16. The Internet co-location facility security system of Claim 11 wherein a stored  
2 image matched with a visitor identification code from the enrollment biometrics reader  
3 and identification information from the access control system is download by the central  
4 software program, the central software program transmitting the information through the  
5 Internet to the database on the server.

1 17. The Internet co-location facility security system of Claim 16 wherein the database  
2 transmits the information from the central software program through a network to a  
3 database on a server in one or more other facilities.

1 18. The Internet co-location facility security system of Claim 17 wherein the database  
2 transmits the information through the network to an access control system and through a  
3 private security network to a plurality of biometrics readers in one or more other  
4 facilities, the information transmitted by the database automatically enrolling the visitor  
5 on the access control system and the plurality of biometrics readers in the one or more  
6 other facilities.

1 19. The Internet co-location facility security system of Claim 18 wherein the visitor  
2 uses the plurality of other biometrics readers to gain access to designated areas in the  
3 facility, the information regarding the use of the plurality of other biometrics readers  
4 including the visitor identification code, a visit identification number, and the date and  
5 time the visitor used one or more of the plurality of other biometrics readers.

20. An Internet co-location facility security system, comprising:  
a plurality of biometrics readers;  
an access control system coupled to the plurality of biometrics readers;  
a computer including a central software program connected to the access control system, the central software program configured to monitor the use of the plurality of biometrics readers; and

7 a server including a database connected to the central software program, the  
8 database configured to receive information from the central software program regarding  
9 the use of the plurality of biometrics readers and to transmit this information to co-  
10 located members through the Internet;

1 21. The Internet co-location facility security system of Claim 20 further including a  
2 web-based interface configured to allow co-located members to schedule visits to the  
3 facility through the Internet to the database on the server.

1 22. The Internet co-location facility security system of Claim 20 wherein the server  
2 further includes a transmitter for transmitting information regarding the scheduled visits  
3 to the central software program through a network, the information including a visit  
4 identification number.

1 23. The Internet co-location facility security system of Claim 20 further including an  
2 input device coupled to each of the plurality of biometrics readers for entry of a visitor  
3 identification code of a visitor, a match between the visitor identification code and the  
4 visitor's personal identification characteristics triggering the access control system to  
5 allow the visitor to gain access to designated areas in the facility.

1 24. The Internet co-location facility security system of Claim 20 wherein the access  
2 control system further includes a transmitter for transmitting the information regarding  
3 the use of the plurality of biometrics readers to the central software program, the  
4 information regarding the use of the plurality of biometrics readers including a visitor  
5 identification code and the date and time the visitor used one or more of the plurality of  
6 biometrics readers.

1 25. The Internet co-location facility security system of Claim 20 wherein the central  
2 software program combines a visit identification number with the information regarding  
3 the use of the plurality of biometrics readers from the access control system, the  
4 combined information transmitted to the database on the server where it is accessible to  
5 co-located members from one or more remote computer terminals connected to the  
6 Internet.

1 26. An Internet co-location facility security system, comprising  
2 a plurality of biometrics readers;  
3 an access control system coupled to the plurality of biometrics readers;  
4 a computer including a central software program connected to the access control  
5 system, the central software program configured to monitor the use of the plurality of  
6 biometrics readers; and  
7 a web-based interface configured to allow co-located members to schedule visits  
8 to the facility through the Internet to the database on the server.

1 27. The Internet co-location facility security system of Claim 26 further including a  
2 server including a database connected to the central software program, the database  
3 configured to receive information from the central software program regarding the use of  
4 the plurality of biometrics readers and to transmit this information to co-located members  
5 through a network.

1 28. The Internet co-location facility security system of Claim 26 further including an  
2 input device coupled to each of the plurality of biometrics readers for entry of a visitor  
3 identification code of a visitor, a match between the visitor identification code and the

